Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

thracite and bituminous slacks, with and without pitch, in the coke oven.

Mr. Briggs urged the need of circumspection in offering and decreeing premiums to inventors before continuous and complete success; and instanced the use of all the anthracite slack in the manufacturing establishments of New England for the last twenty years, by a variety of methods, all of them successful. In respect of the mixed anthracite and bituminous slacks his experience had been that their combined clinkers were so much worse than the clinkers from either one separately that the mixture could not be used in the fire box.

The meeting was adjourned after scrutiny of the ballot boxes by the presiding officer, who declared the following persons duly elected members:

Mr. Samuel Davenport, of Adelaide, Australia.
Dom Pedro d'Alcantara, Emperor of Brazil.
John F. Hartranft, Governor of Pennsylvania.
Mr. W. Milnor Roberts, of New York.
Mr. Aug. R. Grote, Director Mus. Buffalo S. N. H.

Stated Meeting, November 3rd, 1876.

Present, 13 members.

Vice-President, Mr. Fraley, in the Chair.

Letters accepting membership were received from Mr. Samuel Davenport, dated Main Cent. Building, Phila., Oct. 26; Mr. A. R. Grote, dated Buffalo, New York, Oct. 26; Mr. John Johnston, dated 812 Broadway, N. Y., Oct. 31, 1876.

A letter from Professor Jos. Henry, dated Smith. Inst. Washington, D. C., Oct. 27, requested a set of Transactions for the Wellington Museum, in New Zealand, under the charge of Dr. Hector, Director of the Geological Survey. On motion the request was granted.

Donations for the Library were received from Mr. Levi Capron (Kaiticushi, Tokio, Japan); the Academies of Ber-

lin and Brussels; the Societies at Ulm and Bath; the Geographical Society and Meteorological Office; and Nature; the Mass. Hist. Soc.; Silliman's Journal; Penna. Historical Society; Penn Monthly; Librarian of Congress; Kentucky Geological Survey; Mexican Geographical Society; Professor R. S. McCulloch and Mr. Samuel Davenport, of New Holland.

A circular letter from Dr. Aug. Le Jolis, dated Cherbourg, Oct. 12, respecting the 25th Anniversary (Dec. 30), of the Society of Science, was on motion referred to the Secretaries to be suitably answered, after being signed by the President.

A communication, entitled "On the Atmosphere of the Sun and Planets, by David Trowbridge, A.M.," (Professor at Waterburgh, Tompkins Co., N. Y.) was received from Professor Kirkwood, of Bloomington, Ind.

Professor Chase made a verbal communication of his views respecting intramercurial bodies revolving around the Sun.

Mr. Briggs described the difficulties in the way of a successful discussion of the type form of the *vena contracta* in hydraulics.

Professor Houston continued the topic, and added remarks upon the nature of the form and movements of the "ventral segments," especially in cases where musical vibrations were employed to effect them.

Pending nominations Nos. 809, 810, 811, 812, were read.

The curators reported, recommending the proposed exchange of duplicates with the Princeton Museum. The report was accepted and adopted.

And the meeting was adjourned.

Stated Meeting, November 17th, 1876.

Present, 17 members.

Vice-President, Mr. FRALEY, in the Chair.

Mr. W. Milnor Roberts, a newly elected member, was introduced to the presiding officer and took his seat.